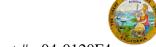
#### DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

## WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-004694 Address: 333 Burma Road **Date Inspected:** 17-Nov-2008

City: Oakland, CA 94607

**OSM Arrival Time:** 630 **Project Name:** SAS Superstructure **OSM Departure Time:** 1530 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

**CWI Name:** N/A **CWI Present:** Yes No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A Yes N/A **Electrode to specification:** No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No Yes No N/A **Delayed / Cancelled:** 

34-0006 **Bridge No: Component: OBG** and **SAS** Tower Fabrication

### **Summary of Items Observed:**

This QA observed ZPMC/NDE personnel perform Magnetic Particle Testing(MT) on the following floor beam and tower sections for green tagging. After completing their NDE, this QA performed 10% MT on the same sections just mentioned.

## Bay 7: Performed 10% MT on the following OBG sections for green tagging;

a)FB016-022-001, 002, 003 etc. – deemed acceptable

b)FB015-024-002, 010, 013 etc. - deemed acceptable

c)FB010-020-001, 010, 013 etc. - deemed acceptable

d)FB010-011-002, 010, 013 etc. - deemed acceptable

e)FB009-017-004, 010, 013 etc. – deemed acceptable

f)FB009-019-004, 010, 013 etc. - deemed acceptable

g)FB009-020-004, 010, 013 etc. – deemed acceptable

h)FB016-023-001, 002, 003 etc. - deemed acceptable

#### Bay 8: Performed 10% MT on tower diaphragm North 13M for green tagging;

i)NSD1-SA125-1/2 – deemed acceptable

j)NSD1-SA124-1/3/5/7 – deemed acceptable

k)NSD1-SA123-1/3/5/7 – deemed acceptable

1)NSD1-SA121-1/3/5/7 – deemed acceptable

# WELDING INSPECTION REPORT

(Continued Page 2 of 2)

m)NSD1-SA120-1/3/5/7 - deemed acceptable

n)NSD1-SA122-1/3/5/7 – deemed acceptable

o)NSD1-SA119-1/3/5/23 - deemed acceptable

p)NSD1-SA118-1/5/7/19 - deemed acceptable

q)NSD1-SA117-1/3/25/27 – deemed acceptable

r)NSD1-SA126-2~100 - deemed acceptable

For more details about this inspection, please see my TL-6028 report on this day.

#### **Summary of Conversations:**

No significant conversation ocurred today.

#### **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Joshua Ishibashi, (858) 232-7081, who represents the Office of Structural Materials for your project.

Inspected By:	Lizardo, Joselito	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer